

AN: PAT 1996-465962
TI: Connector terminal-clamp appts. e.g. for electromagnetic relay or switch has pivot device to release guide plate section from guide section when screw points are coupled to connector clamps allowing supplement disks to pivot
PN: **DE19614371-A1**
PD: 17.10.1996
AB: The terminal-clamp appts. connects contacts to connector clamp strips of an electric device. Each clamp strip has a screw hole (5). The clamp strip housing sections are separated from each other by insulating walls. The clamp appts. has several connector clamp screws (1) each with a screw (2) and an L-shaped supplement disk (3) held loosely and rotatably on the screw (2). The disk (3) has a guide plate section (4) which extends opposite the clamp strips. A connector clamp cover (10) covers the housing sections. The cover (10) has round holes to actuate the respective clamp screws (2). Guide devices each have a vertical groove provided on a side plate of the clamp cover. The grooves have an opening which lies opposite the round holes to guide the guide plate section (4) in a sliding movement to the clamp strips and away from these along the grooves. Several coupling claws are arranged between each round hole (5) and screw to hold the clamp screws such that the point of the screw (2) is spaced a predetermined distance from the clamp strip. A pivot device is provided to free the guide plate section (4) from the guide sections (6), when the points of the screws (2) are coupled to the relevant clamp strips such that the supplement disks can pivot.; Provides simple, secure and very efficient connection of electric leads.
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